Agenda
Joint AFCI/Gen-IV Physics Working Group
January 23-24, 2006
Salt Lake City Marriott Downtown
Brighton Conference Room

Monday, January 23

8:30 – 8:45	Welcome and USDOE Updates	Goldner, USDOE
	Introductory Remarks on AFCI Transmutation Engineering	Cappiello, LANL
8:45– 9:00	Potential Office of Science Collaboration	Kerman, MIT/UTenn
9:00 – 9:15	Introductory Remarks on Gen IV Activities	Kim, ANL
9:15 – 9:30	Agenda Review and Logistics	T. Hill, LANL

Nuclear Code Development Activities

9:30 – 10:00	MCNPX	Hendricks, LANL
10:00 – 10:15	*BREAK*	
10:15 – 10:35	Liquid Salt VHTR Analysis at INL	Sterbentz, INL
10:35 – 10:50	Physics Code Development for PBMR Modeling and Fuel Cycle Analysis	Terry, INL
10:50 – 11:20	REBUS 3/DIF3D Code Upgrades for Support of VHTR Analysis	Kim, ANL
11:20 – 11:50	Neutronics Analysis of Alternate Salts for LS-VHTR	Clarno, ORNL
11:50 – 12:00	*Discussion Topics*	All
12:00 – 1:00	*LUNCH*	

Nuclear Data Evaluation, Validation and Physics Needs

1:00 – 1:30	Material Testing Station (MTS) Physics Needs	Pitcher, LANL
1:30 – 1:45	IRPhEP and Integral Benchmark Status Report	Terry, INL
1:45 – 2:05	Covariance Matrix Evaluation for U235	Talou, LANL
2:05 – 2:35	Overview of Resonance-Region Covariance Data Generation Efforts in Sensitivity/Uncertainty Analyses	Dunn, ORNL
2:35 – 3:05	Nuclear Data Sensitivity Analysis	Palmiotti, ANL
3:05 – 3:20	*BREAK*	

Nuclear Data Measurement and Activities

3:20 – 3:40	Actinide Target Preparation at INL for LANSCE Msmts	Baker, INL
3:40 – 4:05	Fission Cross Section Measurements	Tovesson, LANL
4:05 – 4:15	Capture Cross Section Measurements	Hill, LANL
4:15 – 4:35	Gas Production Measurements	Haight, LANL
4:35 – 4:55	Displacement Cross Section Measurements	Greene, BNL
4:55 – 5:30	*Discussion Topics*	All

Tuesday, January 24

AFCI/Gen IV Summary Session

8:30 – 10:00	*Discussion on AFCI/Gen IV Physics Future Activities*	All
10:00 – 12:00	Meeting Wrap-up	Pitcher, T. Hill
12:00	*ADJOURN*	